

IN THE CLAIMS

Claims 1 – 4 (canceled)

Claim 5 (original) A transmission device which performs cross connection on a synchronous multiplex transmission network, said transmission device comprising:

a part, provided in each interface part, which performs phase adjusting of channel signals.

Claim 6 (original) A transmission device which performs cross connection on a synchronous multiplex transmission network, said transmission device comprising:

a distributing part, provided in each interface part, which distributes a reference timing pulse;

a phase connecting part, provided in said each interface part, which performs phase adjusting of channel signals by performing clock change for said reference timing pulse.

Claim 7 (original) The transmission device as claimed in claim 6, wherein said phase adjusting part generates clock change timing by using a timer.

Claim 8 (original) The transmission device as claimed in claim 6, wherein said phase adjusting part generates clock change timing by using PPL lock detection.

Claim 9 (original) The transmission device as claimed in claim 6, wherein said phase adjusting part comprises:

a window generating part which generates a narrow window and a wide window for monitoring phase of clock change timing; and

a timing generating part which generates clock change timing with said narrow window during a monitoring period and by switching said narrow window to said wide window if a predetermined condition is satisfied.